

# Cloud Adoption and Tiger Team/Center of Excellence

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Identify Key Areas of Opportunity for DIR and Public Cloud vendors to Assist Texas State Agencies with their Cloud Adoption and Modernization Efforts

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# Cloud Center of excellence Tiger Team



- **Objective as outlined by Todd Kimbriel, Texas State CIO**
  - This is an educational endeavor, but regardless of how it is described the intent is to, leveraging as few resources as possible (meaning the *right* resources), have a small group of technically proficient resources work directly and closely with agency staff on transformation projects to a cloud environment. Critically important is that this initiative is NOT to do the work for the agency but rather to coach the agency through the learning process – that is to say, we want to “teach the village to fish, not feed them”.



# Engagement Model- Entry Criteria



- **Criteria for engagement:**

- Real project/RFS to deploy a new system in a cloud environment – staff commitment from agency.
- Real project/RFS to migrate a legacy system to a cloud environment – staff commitment from agency.
- Real project/RFS to remediate a traditional on prem system to become “cloud ready” – staff commitment from agency.
- Hands on training request via ServiceNow from an agency willing to commit their IT resources to a hands-on training exercise with the intent to use the limited support/sandbox cloud environment to deploy a representative service/system in the sandbox.



# Increase Adoption



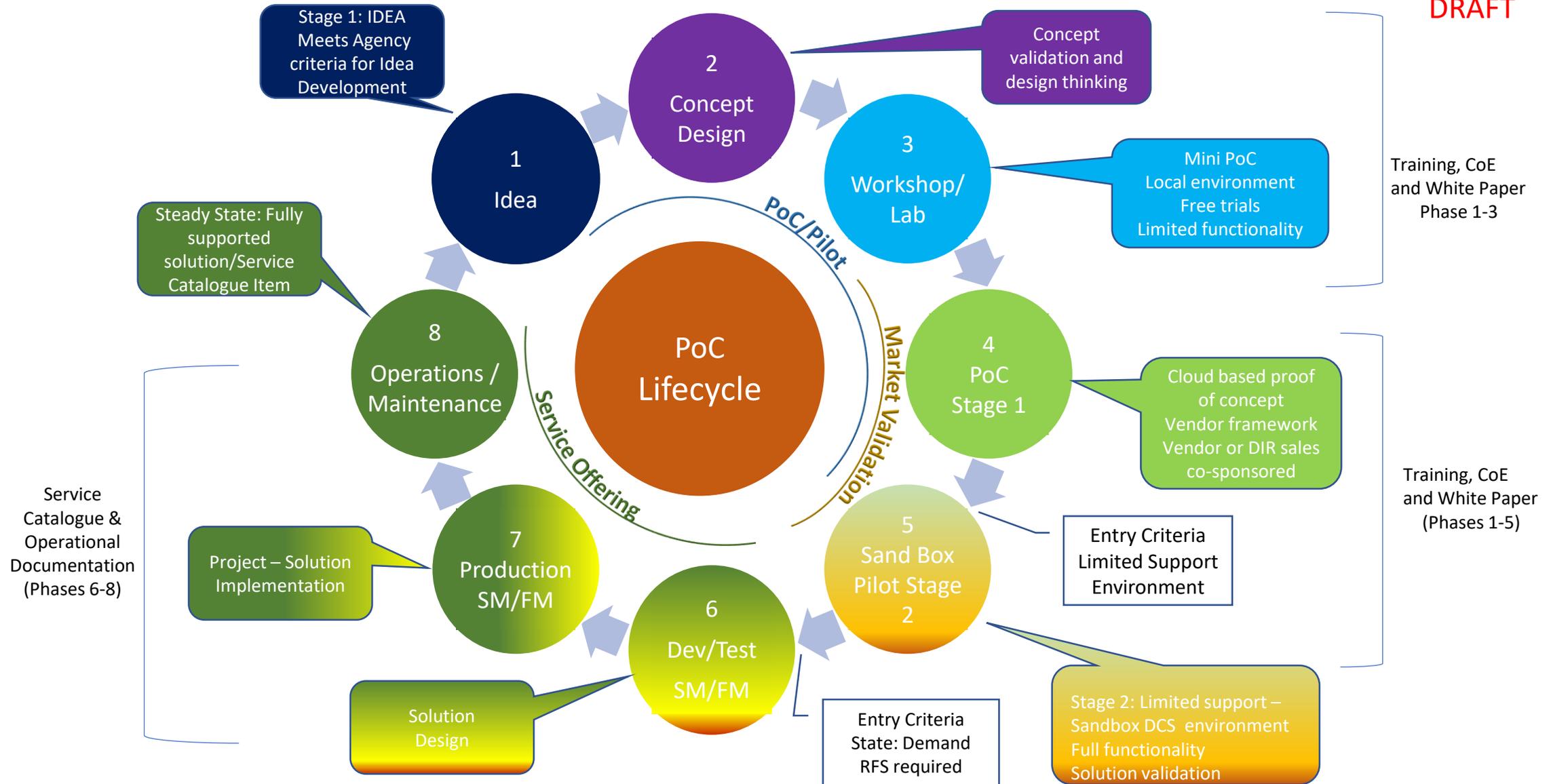
- **Services to be provided (no cost to agency to increase adoption):**
  1. Technical coaching on how to architect a system in the cloud and what workloads are appropriate
  2. Technical coaching on how to integrate cloud with on prem
  3. Technical coaching on how to modify business processes to support the cloud systems
  4. Technical coaching on operating cloud systems (up, down, snapshot, migrate, etc.)
  5. Business coaching on cloud governance



# Cloud Adoption PoC Lifecycle – MSI/ SDLC Overlay



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# Phased Approach to Adoption – PoC Criteria



## PoC Lifecycle

Eight proof of concept stages across three main phases - solutioning, market validation and service offering

### 1. Idea

- Meet agency vision and strategy
- Enhancement or new application area
- Outcome: Definitive Use cases

### 2. Concept /Design

- Conceptualize with design thinking
- Minimal investment, validation
- Outcome: Rough Technical Design meet workshop entry criteria

### 3. Workshop/Lab

- ESS and SDG coordinated hands on sessions
- DIR, Vendor co-sponsored 1 or 2 day event
- Outcome: Prototype or mini proof of concept

### 4. PoC – Stage 1 Sponsored Account/Studio

- 2-3 month iterative/agile program
- Architectural Design, build and test
- Outcome: Minimum Viable Product (MVP)

### 5. PoC Stage 2: Sand Box /Limited Service Env

- DCS Service with PII/FTI restriction, fee
- Functionality and market validation
- Outcome: Integrated and interoperable market validated solution(s). Go, no go decision

### 6. DCS Dev/Test

- Fully supported DCS- SDC environment
- Conforms to DCS Service agreements and SDLC
- Outcome: Production data/UAT tested solution

### 7. STS Solution - Production

- Product Test and go live
- Potential STS Offering Pvt/Public/Hybrid Cloud
- Outcome: Deployed Solution

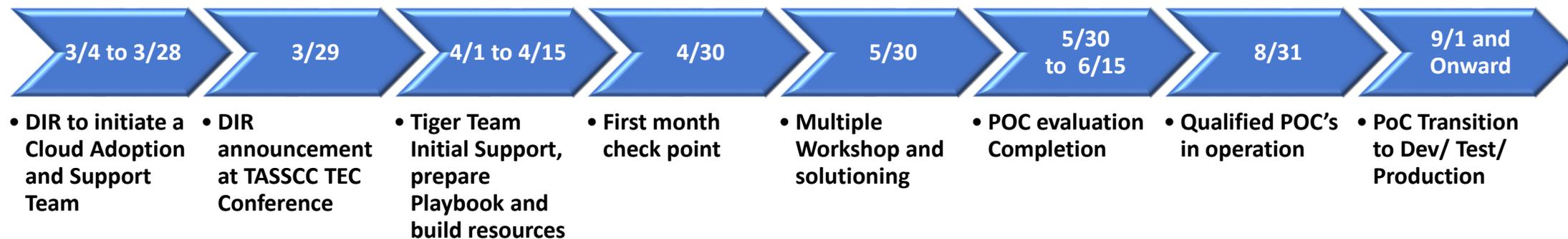
### 8. Operations / Maintenance

- Part of DCS service offering catalogue
- Continuous deployment (CI/CD)
- Outcome: Added to STS Portal offering

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# PoC Timeline (Public Cloud)





# Call To Action



- **For more information or to engage Cloud Tiger Team Please call**
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